

“ TeV ” “ 33 LHC Mini-Workshop”

Sunday, 20 September 2026

Submitted report - □□□□□ (14:00 - 15:40)

time	[id] title	presenter
14:00	[26] "Baryon-number-violating nucleon decays into dark particles "	□, □□
14:20	[27] "Intertwining Axion and gravitational waves, generations and detection "	□, □□
14:40	[28] A collider as a quantum computer	□, □
15:00	[29] Spin correlations and quantum entanglement in $\gamma\gamma \rightarrow t\bar{t}$ at polarized photon colliders with NLO QCD corrections	□, □□
15:20	[30] Evidence for $H \rightarrow \mu\mu$ with CMS Run II Data and Projected Sensitivity at the HL-LHC	□, □□

Submitted report - □□□□□ (16:10 - 18:10)

time	[id] title	presenter
16:10	[31] Search for a Higgs boson decaying to a low-mass dilepton pair and a photon at the ATLAS experiment	LIU, Danning
16:30	[32] □□□□□□□□□□	□, □□
16:50	[33] Di-hadron fragmentation in Bottomonium decay	□, □□
17:10	[34] Probing quark electromagnetic properties via entangled quark pairs in fragmentation hadrons at lepton colliders	□, □□
17:30	[35] Unveiling Light-Quark Yukawa Flavor Structure via Dihadron Fragmentation at Lepton Colliders	□, □□
17:50	[36] New Frontiers in TeV Physics: From Quantum Tomography of Fermion Pairs to LLM Agents	□, □□